

FIG. 1

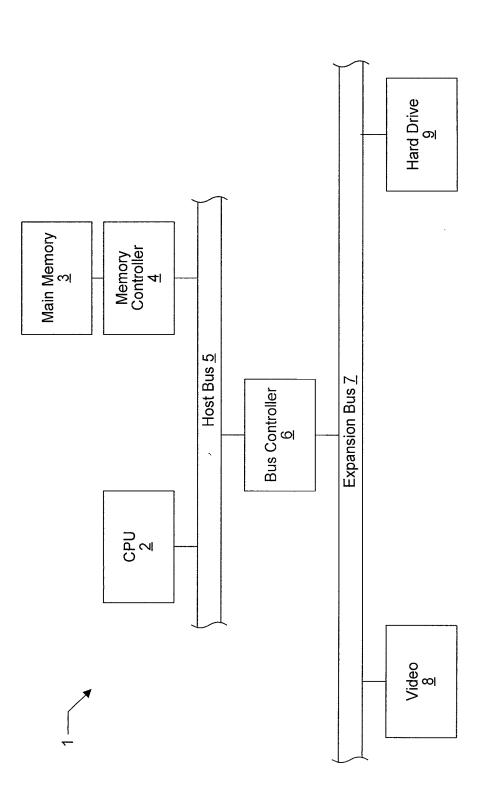


FIG. 2

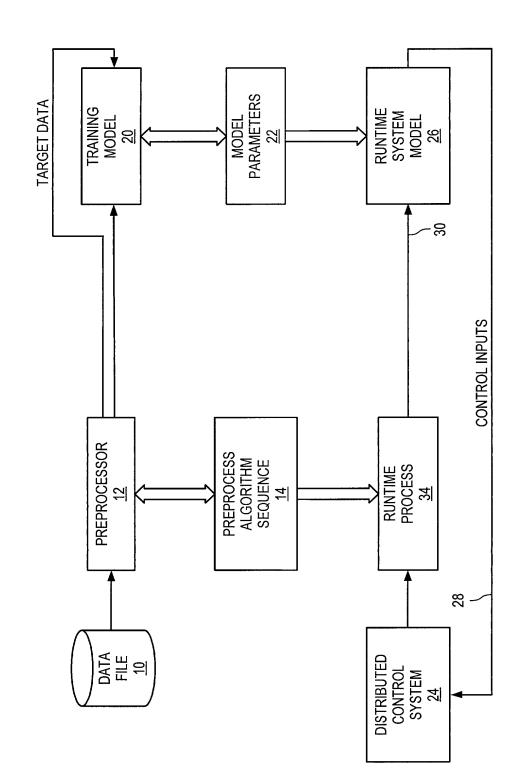


FIG. 3A

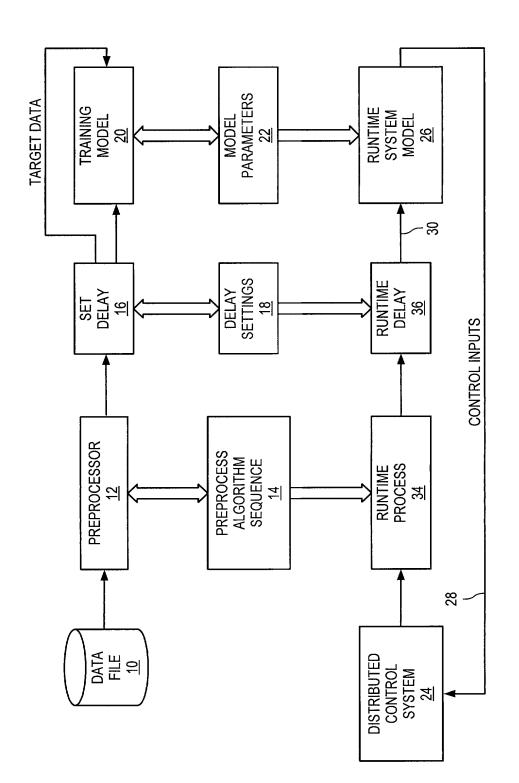
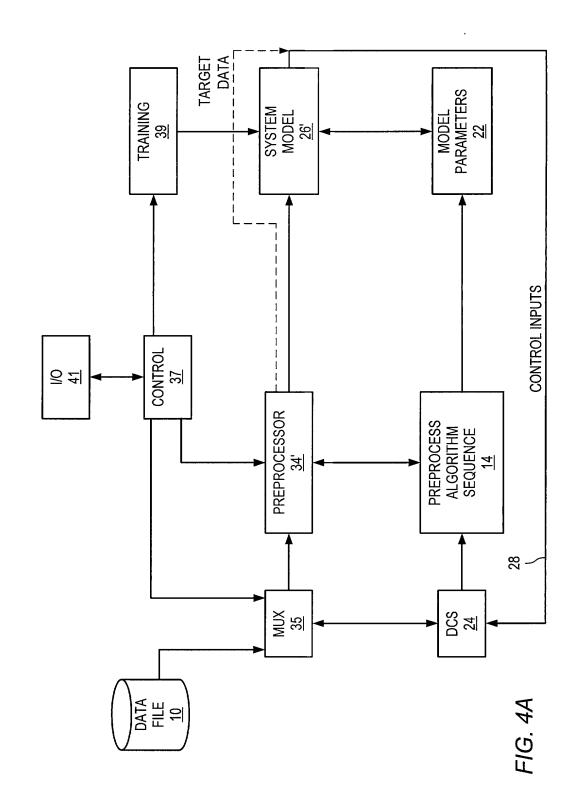
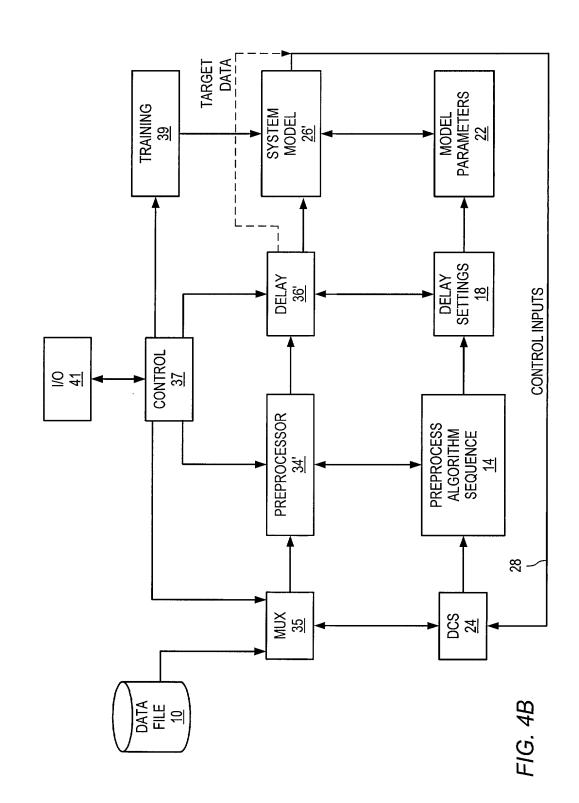
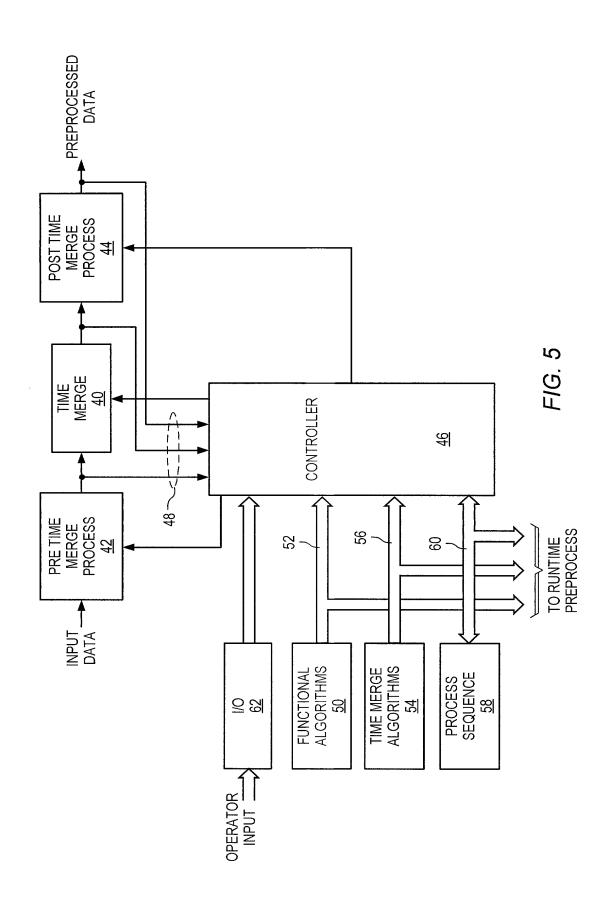


FIG. 3B







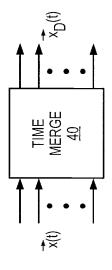
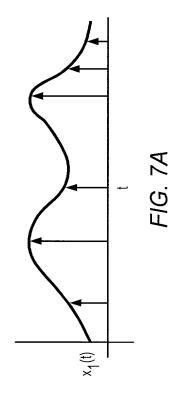
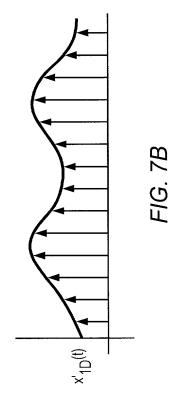


FIG. 6





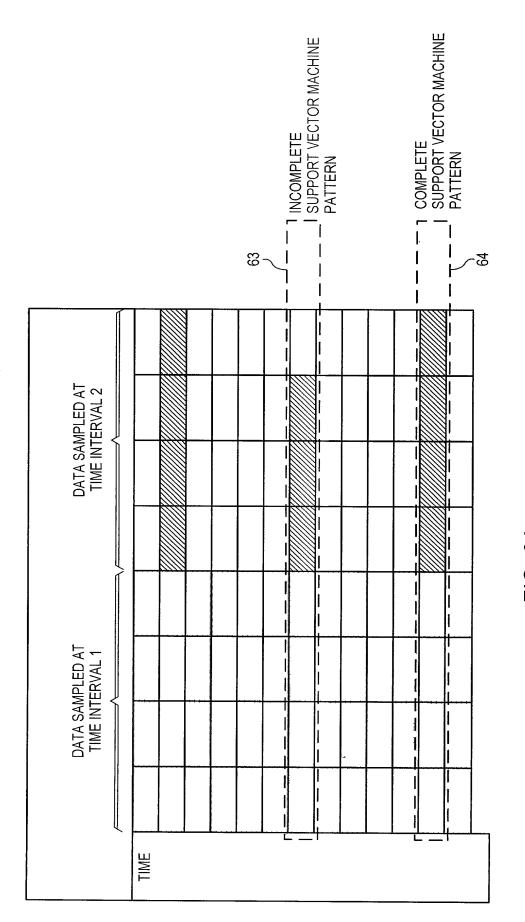
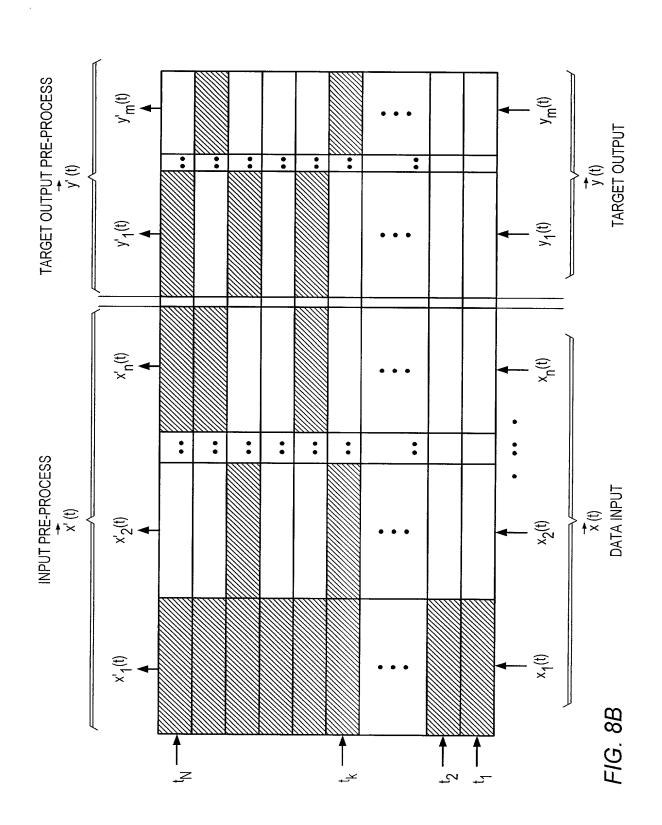
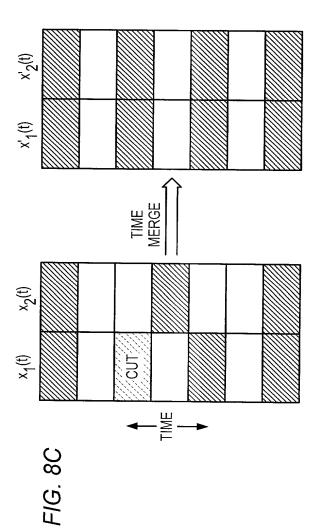


FIG. 8A





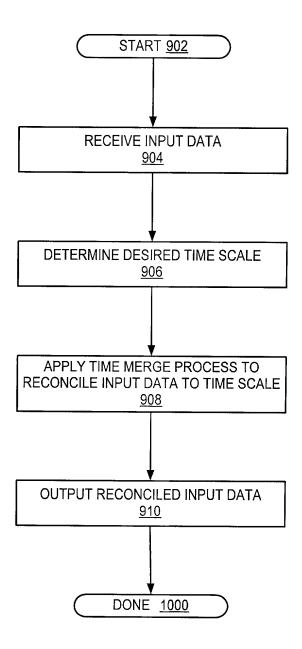


FIG. 9A

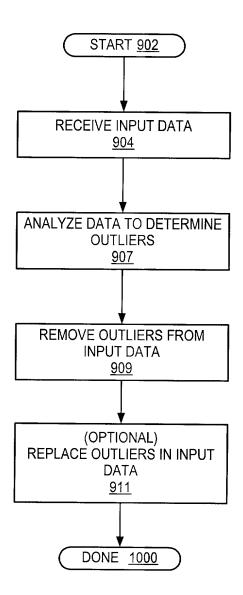


FIG. 9B

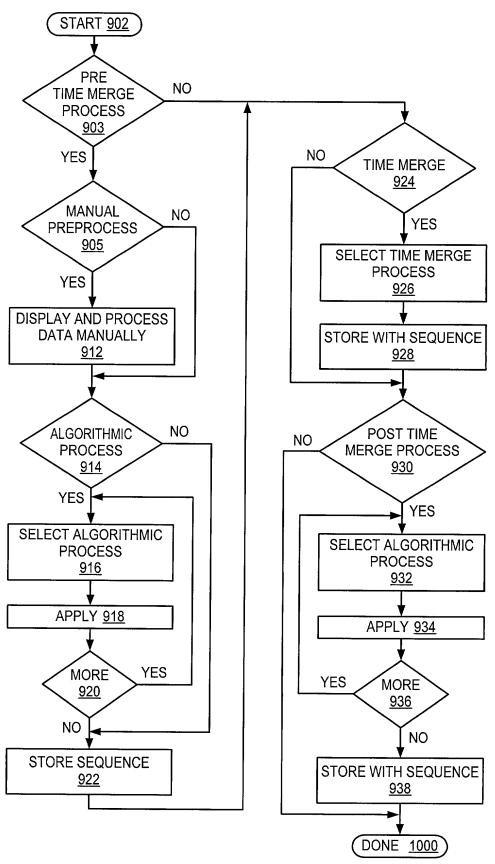
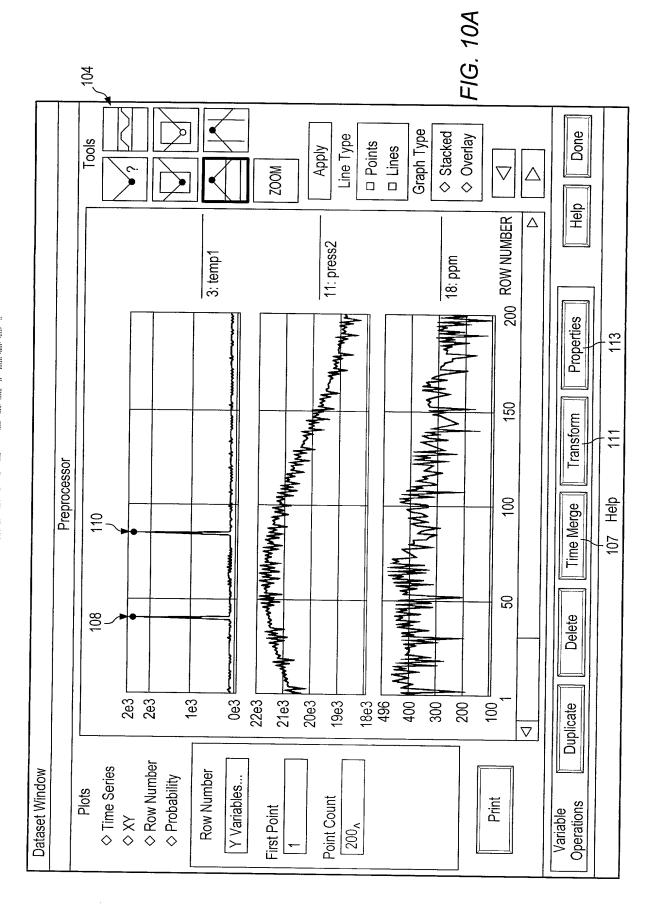
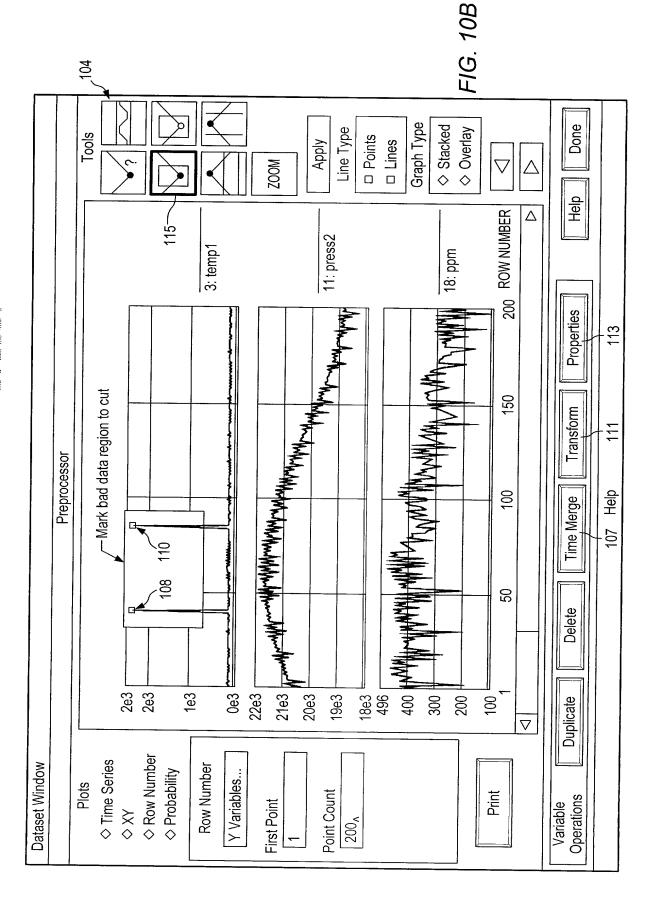
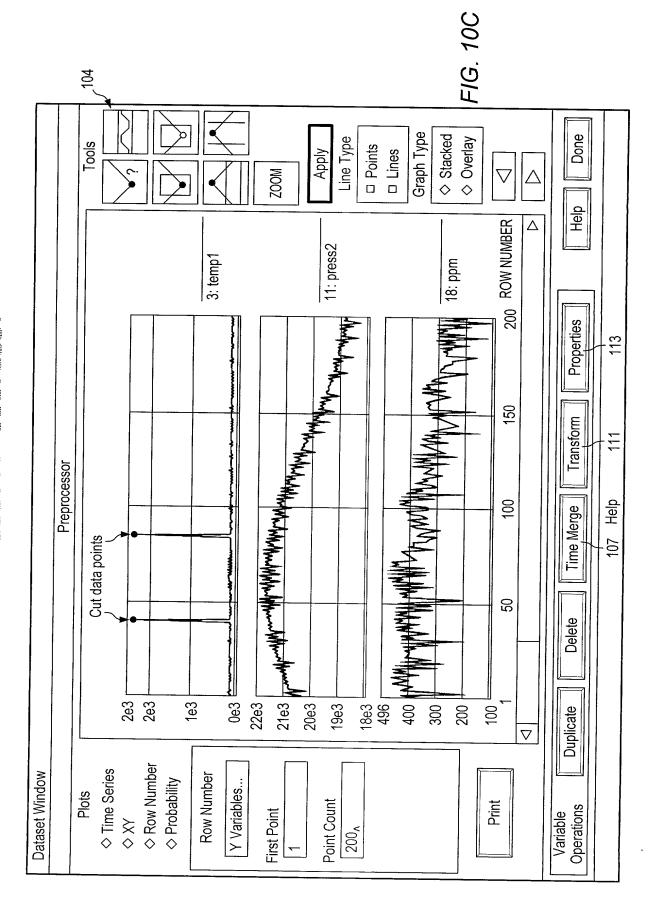
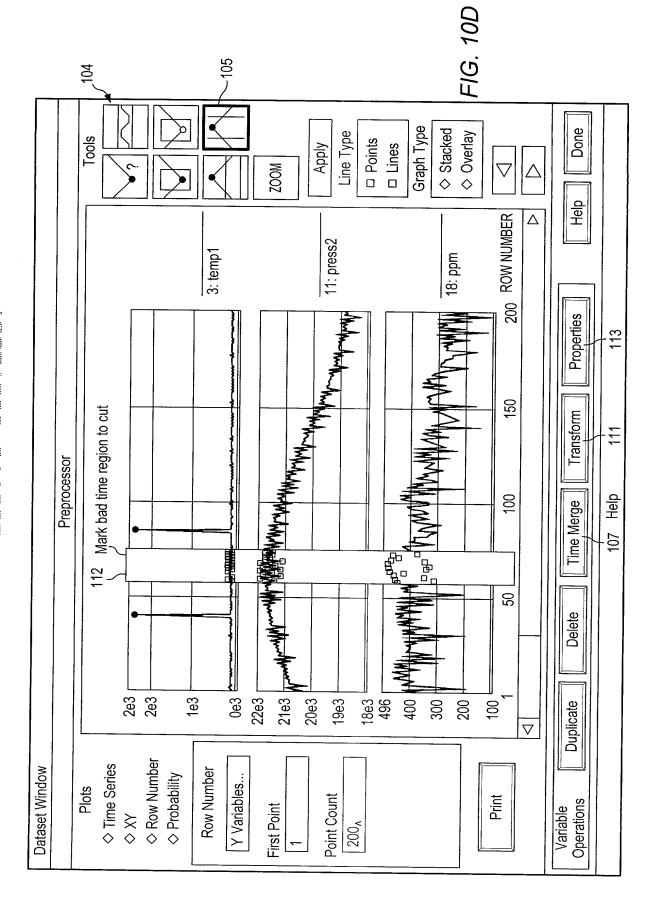


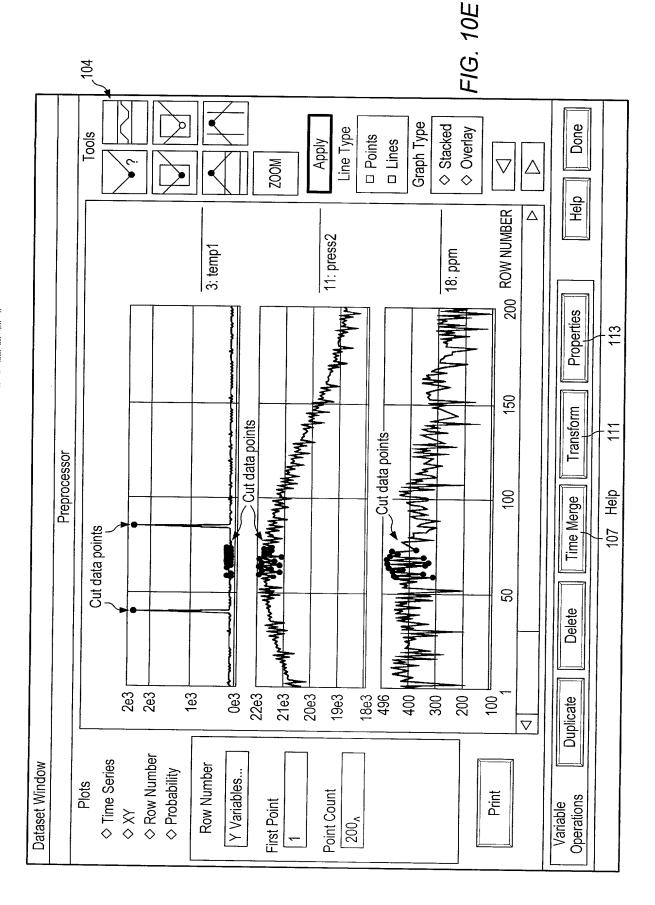
FIG. 9C

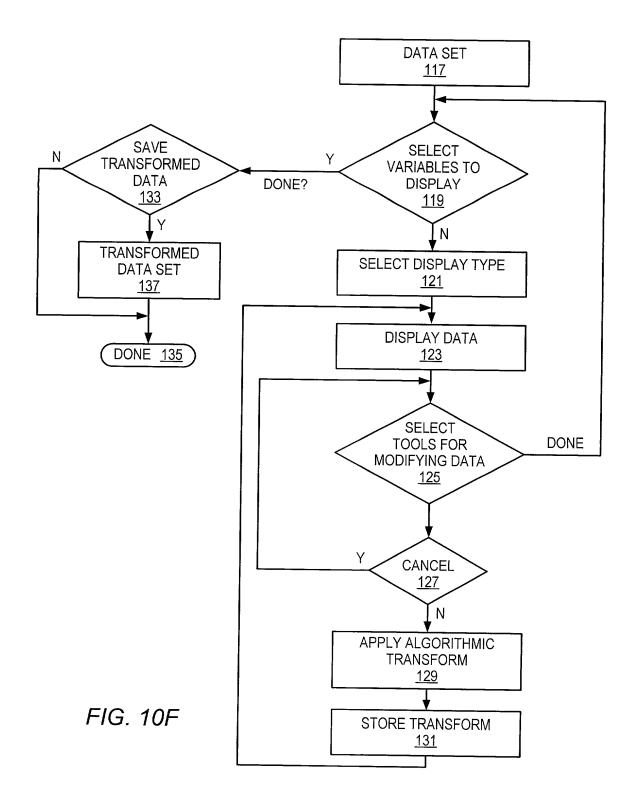












Variable: ₄temp1	116
= \$log (!temp1!)	
7 8 9	114
4 5 6	< <= = <> >= >
1 2 3	space IF AND OR NOT MOD
0 . E	(, \$!
VARIABLES:	FUNCTIONS:
DATE_1 TIME_1 temp1 press1 DATE2	exp frequency in log max
	Help Cancel Done
	Help

FIG. 11

TABLE 1

Name	DATE_1	TIME_1	temp i	press1	DATE_2	TIME_2	flow1	temp2
Row 36 37 38 39	Col 1 1/2/92 1/2/92 1/2/92 1/2/92	Col 2 12:00:59 13:00:59 14:00:59 15:00:59	Col 3 81.87 58.95 83.72 53.72	Coi 4 1552.80 1489.19 1558.00 1474.40	1/4/92 1/4/92	Col 6 23:00:59 01:00:59 3:00:591 5:01:00	Col 7 1211.00 1210.90 1211.09 1210.69	274.44 277.38

TABLE 2

Name	DATE_1	TIME_1	temp l	press1	DATE_2	TIME_2	flow1	temp2
Row 36 37 38 39	Col 1 1/2/92 1/2/92 1/2/92 1/2/92	Col 2 12:00:59 13:00:59 14:00:59 15:00:59	Col 3 1.91 1.77 1.92 1.73	Col 4 1552.80 1489.19 1558.00 1474.40	1/4/92 1/4/92	Col 6 23:00:59 01:00:59 3:00:591 5:01:00	Col 7 1211.00 1210.90 1211.09 1210.69	274.44 277.38

PROPERTIES 2

 $\label{eq:markeut} $$ \max_{k \in \mathbb{N}_{+}, k \in$

TABLE 3

Name DATE	time	temp1	pressi	flcw1	temp2	press2	flow2
Row 36 1/2/92 37 1/2/92 38 1/2/92 39 1/2/92	Col 1 12:00:00 13:00:00 14:00:00 15:00:00	Col 2 1.87 1.87 1.87 1.87	Col 3 1530.00 1530.00 1530.00	Col 4 1211.69 1211.69 1211.69 1211.69	Col 5 274.50 274.50 274.50 274.50	Col 6 2160.00 2160.00 2160.00 2160.00	533.29 533.29

PROPERTIES 3

tmerge(temp1, time, 0, 166666663417741312.000000)

TABLE 4

Name	DATE	time	temp1	pressi	flow1	temp2	press2	flow2
Row 36 37 38 39	V2/92 V2/92 V2/92 V2/92	Col 1 12:00:00 13:00:00 14:00:00 15:00:00	5001.87 5001.87	1530.00 1530.00	1211.69	Col 5 274.50 274.50 274.50 274.50	Col 6 2160.00 2160.00 2160.00 2160.00	533.29 533.29

PROPERTIES 4

\$log(temp1)

tmerge (temp1, time, 0, 16666666663417741312.0000000) temp1 + 5000

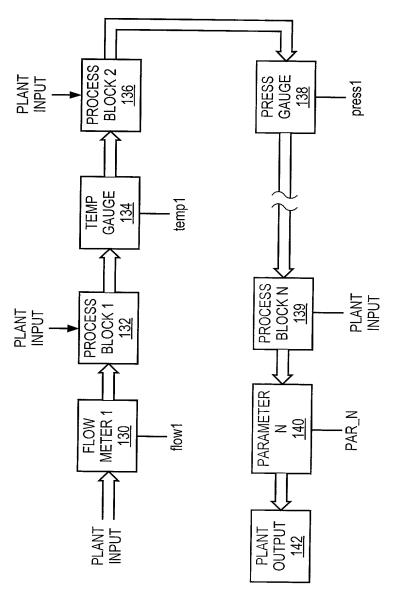


FIG. 13

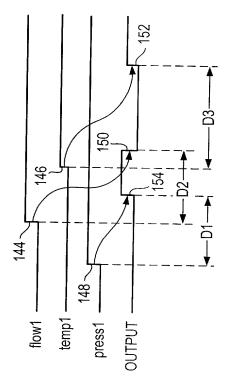
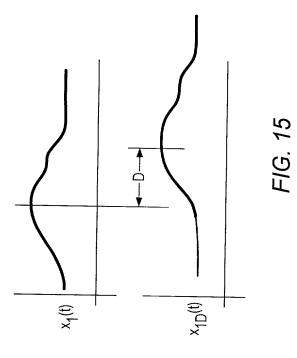


FIG. 14



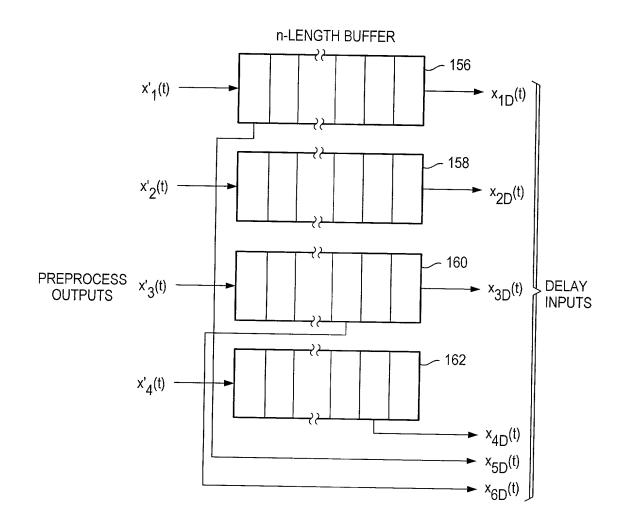
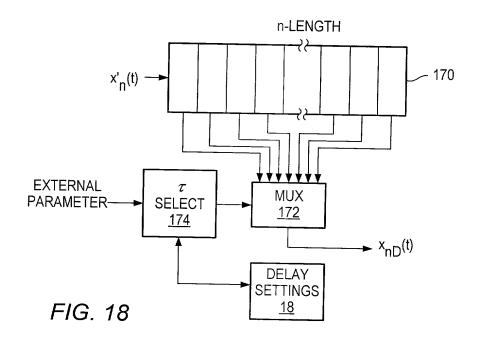
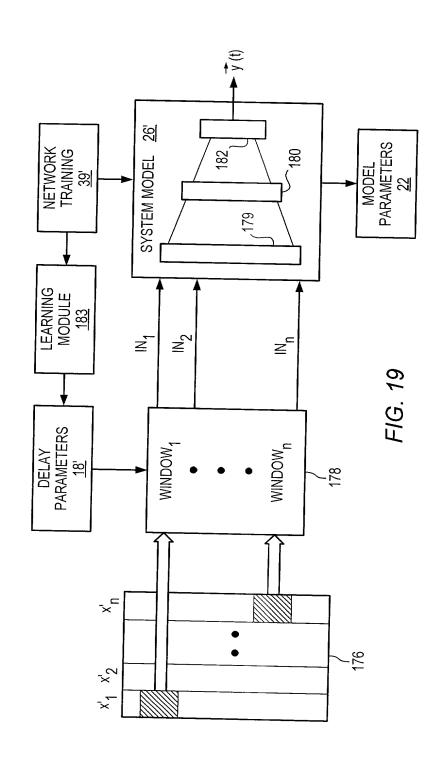


FIG. 16

	MOD	A L											OUTPUT	TIIDLI	OUILOI	OUIPUI	
	FLOW-								INPLIT								
	PRESS3	201							INPUT								
	TEMP3						TIIGN	5									
JISPLAY	FLOW- RATE2					TIJANI			•								,
SELECTION [TEMP2 PRESS2 RATE2				INPUT												
DELAY S	TEMP2				INPUT												
	FLOW- RATE1				INPUT												
-	PRESS1			INPUT	INPUT	INPUT											
	TEMP1		INPUT	INPUT	INPUT										. •		
	TIME	-4.5	-4.0	-3.5	-3.0	-2.5	-2.0	L 7	C.1-	-1.0	-0.5	0.0		0.5	1.0	1 1	<u>υ</u>

FIG. 17





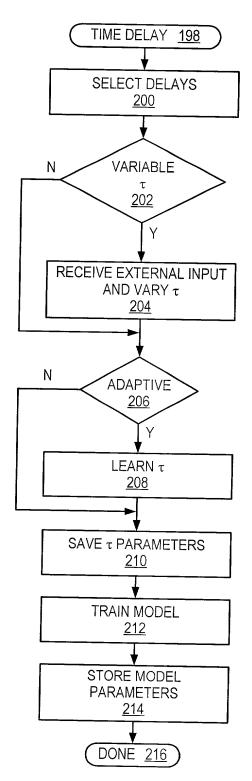
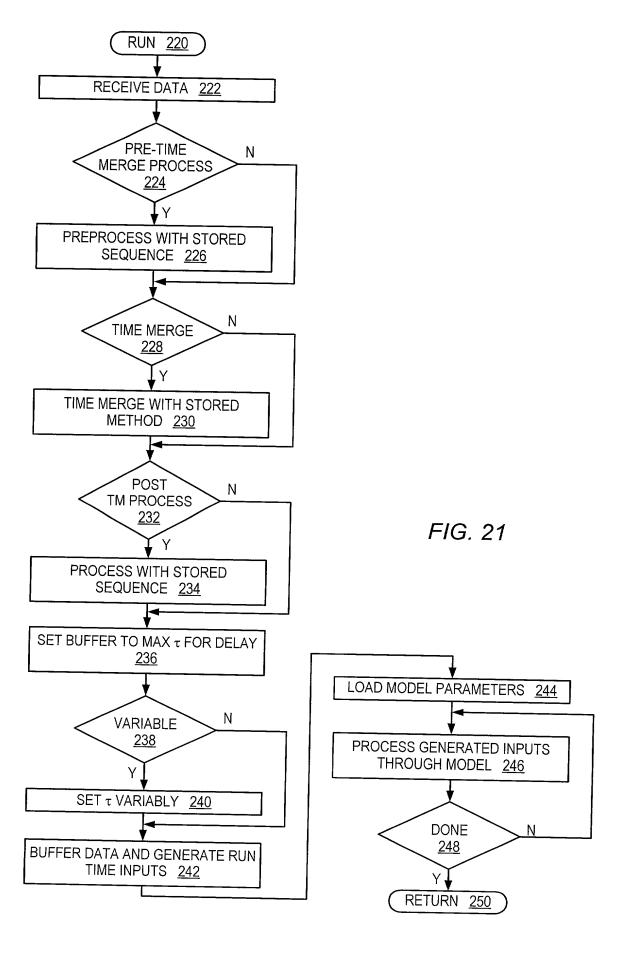


FIG. 20



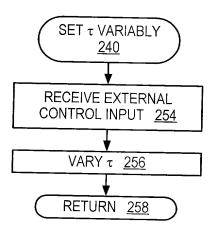


FIG. 22

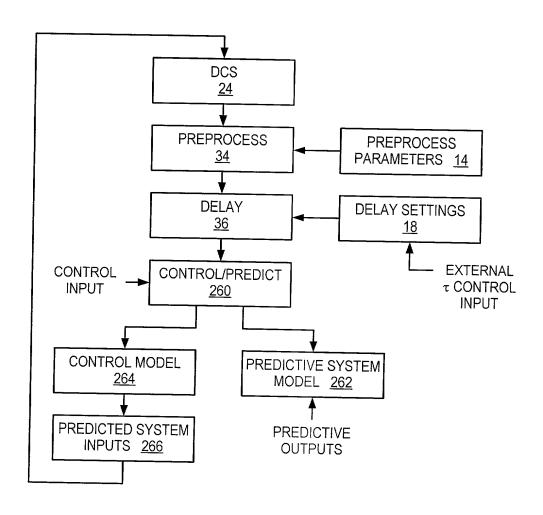


FIG. 23